



Automatic Vortex Heat 2

Model AVH2



OWNER'S GUIDE

**READ AND SAVE THESE
IMPORTANT INSTRUCTIONS**

For questions or more information
1-800-234-0604

Vornado Air Circulation Systems, Inc. 1-Year Limited Warranty

Vornado Air Circulation Systems, Inc. warrants to the original consumer or purchaser that the Automatic Vortex Heat 2, or AVH2, is free from any defects in material or workmanship for the length of term as described above. If any such defect is discovered within the warranty period, Vornado Air Circulation Systems, Inc., at its discretion, will repair or replace the unit.

This limited warranty covers parts failure or manufacturing flaw. It does not apply to defects resulting from abuse of the unit, modification, alteration, repair or service by anyone other than Vornado Air Circulation Systems, Inc., mishandling, improper maintenance, commercial use of the unit, damages which occur in shipment or are attributable to acts of God.

THIS WARRANTY IS THE ONLY ONE WE GIVE ON YOUR Automatic Vortex Heat 2. IT SETS FORTH ALL OUR RESPONSIBILITIES REGARDING YOUR Automatic Vortex Heat 2. THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE. VORNADO AIR CIRCULATION SYSTEMS, INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, OR ARISING OUT OF ANY BREACH OF THE WARRANTY. ANY IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or a limitation on how long the implied warranties last; so the above exclusion or limitations may not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state.

HOW TO OBTAIN RETURN AUTHORIZATION

For warranty service email consumerservice@vornado.com or call 1-800-234-0604 to obtain a Return Authorization (RA) form. Please have or include your Automatic Vortex Heat 2 model number and serial number, as well as your name, address, city, state, ZIP code and phone number when contacting Vornado for warranty service. After receiving the RA form in the mail, ship your AVH2 postage-paid with a copy of the original dated receipt of purchase along with a check or money order for \$15.00 (to cover return shipping and handling) to:

Vornado Air Circulation Systems, Inc.
Attn: Warranty & Repair
415 East 13th Street
Andover, KS 67002

To assure proper handling, packages must be clearly marked with the RA number. Packages not clearly marked with the RA number may be refused at the receiving dock.

For your records: Staple or attach your original sales receipt to this Owner's Guide. Please also write your Automatic Vortex Heat 2 serial and model numbers below (located on the heater's product specs decal).

Serial No. _____

Model No. _____

Please allow 3-5 weeks for the repair and return of your Automatic Vortex Heat 2.

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Vornado is a trademark owned by Vornado Air Circulation Systems, Inc.

Specifications subject to change without notice.

U.S. Patent D-441,065

Assembled in the USA.

Product registration available online at www.vornado.com

Vornado Consumer Services

P 1-800-234-0604 W www.vornado.com E consumerservice@vornado.com

HOW TO USE

Using your Automatic Vortex Heat 2 is easy. Just follow these simple steps:

1. Position the heater so the vortex beam of warm air is directed across the room unobstructed. The unique side-angled air inlets allow the Vornado heater to be placed closer to walls than possible with most ordinary heaters. Position this unit in a location that is representative of the room temperature. Avoid areas of temperature extremes such as cold drafts and heat registers. Please refer to the Important Instructions section for areas to avoid placing the heater.
2. Plug the heater's power cord into a standard wall outlet.
3. Press the POWER button to turn on the heater.
4. Turn the TEMPERATURE knob to the desired setting.



TEMPERATURE

Allows you to select your desired comfort level.

FAN

In the AUTO setting, both fan speed and heat output will vary.

In the HIGH position, the fan runs at high speed continuously, regardless of the heat output.

HEAT

1500 watts on HIGH and 750 watts on LOW.

POWER SWITCH

Illuminated when the unit is ON.

RESETTING YOUR HEATER

Vornado AVH2 has a multi-level Safety Shut-Off System designed to prevent overheating. Overheating may occur when the inlets or outlet grill are blocked or a foreign object prevents the blade from turning. If this happens, the Safety Shut-Off System will cut power to the heat element (the POWER switch will remain illuminated). If this occurs, you will need to manually reset the heater as follows:

1. Set the POWER switch to the OFF position and unplug the heater.
2. Remove any obstructions.
3. Wait 10-15 minutes, allowing the unit to cool down.
4. Plug in the heater's power cord and set the POWER switch to the ON position. The unit should now function normally.

If the Safety Shut-Off System repeatedly shuts off your heater, or if it will not reset after following the above procedure, **DO NOT ATTEMPT TO DISASSEMBLE THE UNIT.** Call the Vornado Consumer Services Department, toll-free, at 1-800-234-0604.

CLIMATE CONTROL

Maintains room temperature automatically

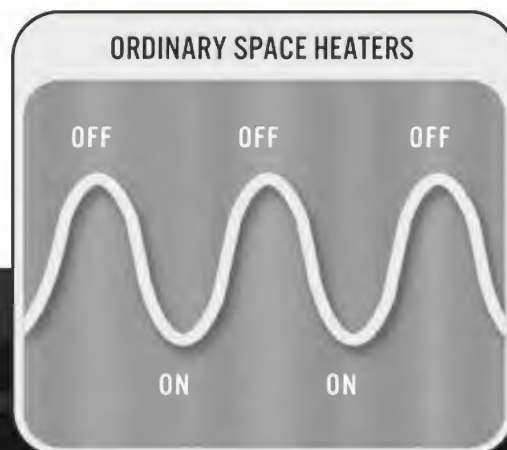
Simply set the temperature to the desired setting. Once the temperature is set, the AVH2 begins to raise all of the room air to the selected setting. When it's reached, the heater automatically lowers heat output and fan speed to precisely maintain that temperature.

Eliminates hot & cold spots

Ordinary space heaters cycle on and off which leaves pockets of warm and cold air in a room. Our exclusive AVH2 provides only the heat you need, when you need it to maintain your desired room temperature. Automatically.

No more thermostat fiddling

Heat output and fan speed are continuously and precisely regulated to maintain the set temperature.



IMPORTANT INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THIS HEATER.

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electrical shock and injury to persons, including the following:

- EXTREME CAUTION IS NECESSARY WHEN ANY HEATER IS USED BY OR NEAR CHILDREN OR INVALIDS AND WHENEVER THE HEATER IS LEFT OPERATING UNATTENDED.
- FOR RESIDENTIAL, INDOOR USE ONLY. NOT FOR USE IN ANIMAL PENS OR OUTDOOR BUILDINGS.
- Use this heater only as described in this owner's guide. Any other use not recommended by Vornado may cause fire, electrical shock or injury to persons.
- Operate this heater only in its upright position.
- Do not operate this heater on an elevated surface such as a shelf or desktop; use only while placed on the floor.
- This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into a bathtub or other water container.
- A heater has hot and arcing or sparking parts inside. Do not use the heater in areas where gasoline, paint or flammable liquids are used or stored.
- Keep combustible materials such as furniture, pillows, bedding, papers, clothes and curtains away from the front, sides and rear of the heater.
- To prevent a possible fire, do not block air inlets or outlet grill in any manner. Do not use on soft or uneven surfaces, like a bed or couch where openings may become blocked.
- Do not insert or allow foreign objects to enter any ventilation or exhaust openings as this may cause an electrical shock, fire or damage to the heater.
- This heater is equipped with a thermal Safety Shut-Off System, designed to turn off the heater when an internal overheating condition is detected (see operating instructions for Resetting Your Heater).
- This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electrical shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.
- Do not run the heater's cord under carpeting. Do not cover cord with area rugs, runners or the like. Arrange cord away from high traffic areas where it may be tripped over.

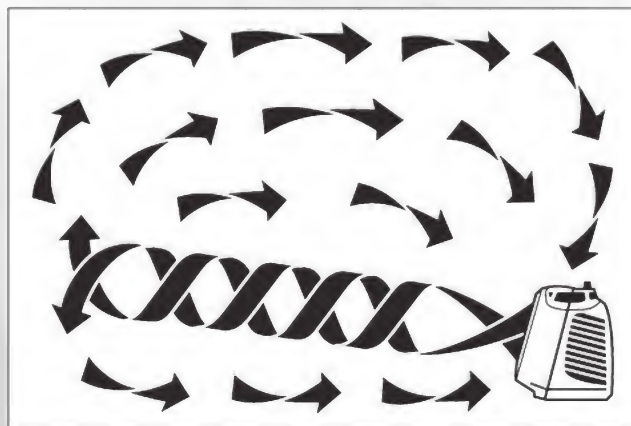
IMPORTANT INSTRUCTIONS

- Avoid the use of an extension cord with the heater because the extension cord may overheat and cause a risk of fire. If you have to use an extension cord, the cord must be 14AWG minimum size and rated not less than 15 Amps or 1875 Watts at 125 VAC.
- Do not operate any heater with a damaged cord or plug, or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to Vornado Air Circulation Systems for examination, electrical or mechanical adjustment or repair.
- Always unplug heater when not in use. To disconnect heater, turn controls off and then remove plug from outlet.
- Do not operate this product with any electronic speed-control device on the same circuit.

SAVE THESE INSTRUCTIONS

VORNADO SIGNATURE VORTEX CIRCULATION

Vornado comes from a combination of the words VORtex and torNADO. Your Vornado AVH2, like all Vornado products, produces a vortex or tornado-like beam of air that projects across the room and forces air to return around the perimeter of the room to be recirculated. The result is the efficient circulation of heat throughout the entire room.



OPERATING TIPS

- In smaller areas, you might prefer to set the fan switch to AUTO. In the AUTO mode, the heater's fan will continuously operate.
- In larger spaces, AVH2 will function most efficiently with the FAN switch set to HIGH.
- In the HIGH position, the vortex beam of air will gently keep the air circulating in the room for even, uniform heating.
- AVH2 can function as a fan for cooling. To use AVH2 as a personal fan, turn the THERMOSTAT to the FAN ONLY position and set the FAN switch to HIGH.
- Vornado AVH2, like any other 1500 watt electric heater, draws up to 12.5 Amps of electric current. If using your heater on the HIGH HEAT setting causes your home circuit breaker or fuse to trip, we offer the following suggestions:
- Try turning off other electrical appliances that run on the same electrical circuit as your heater.
- Run your heater on the LOW HEAT setting.
- Have your electrician add an additional circuit to your home electrical system.

**ALWAYS USE COMMON SENSE WHEN USING THIS
AND/OR ANY ELECTRICAL APPLIANCE.**

MULTI-LEVEL SAFETY

Illuminated power switch: A visible reminder that the heater is on.

Safety Shut-Off System for Blocked Airflow Protection: If airflow becomes blocked by items such as curtains, clothes or blankets, the automatic Safety Shut-Off System with over-temperature thermal breaker and back-up fuse cuts power to the heat element to prevent overheating.

Cool-touch case: Cabinet and grill are cool to the touch. The case is made of a tough, impact resistant polymer and does not conduct heat.

Tight grill veins: Resist curious fingers – not even a no. 2 pencil can fit between the grill veins.

Non-glowing heat element: Safer and longer lasting.

CARE & MAINTENANCE

Automatic Vortex Heat 2 has no user serviceable parts. Do not disassemble the unit as doing so will void your warranty. If service is required, return your heater to Vornado Air Circulation Systems (see Warranty section for instructions).



- The motor inside your AVH2 is permanently lubricated and requires no oiling.
- Because your AVH2 moves air, it will require regular cleaning. Be sure to unplug the unit prior to any cleaning activity. Use a vacuum cleaner with the brush attachment to clean any accumulated dust on the front grill and the side air inlets.
- During the off-season or extended periods of non-use, unplug your heater, bundle the cord and store the heater in the plastic bag that it was shipped in. This will minimize dust settling in the unit.

SAFETY PROTECTION

